

Ruth Hall Sedlak

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,207
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

1864
citing authors

#	ARTICLE	IF	CITATIONS
1	Tolerance of Droplet-Digital PCR vs Real-Time Quantitative PCR to Inhibitory Substances. <i>Clinical Chemistry</i> , 2013, 59, 1670-1672.	3.2	282
2	Viral diagnostics in the era of digital polymerase chain reaction. <i>Diagnostic Microbiology and Infectious Disease</i> , 2013, 75, 1-4.	1.8	123
3	Identification of Chromosomally Integrated Human Herpesvirus 6 by Droplet Digital PCR. <i>Clinical Chemistry</i> , 2014, 60, 765-772.	3.2	114
4	AAV-Mediated Delivery of Zinc Finger Nucleases Targeting Hepatitis B Virus Inhibits Active Replication. <i>PLoS ONE</i> , 2014, 9, e97579.	2.5	95
5	Clinical Utility of Droplet Digital PCR for Human Cytomegalovirus. <i>Journal of Clinical Microbiology</i> , 2014, 52, 2844-2848.	3.9	82
6	A multiplexed droplet digital PCR assay performs better than qPCR on inhibition prone samples. <i>Diagnostic Microbiology and Infectious Disease</i> , 2014, 80, 285-286.	1.8	74
7	Engineered <i>Escherichia coli</i> Silver-Binding Periplasmic Protein That Promotes Silver Tolerance. <i>Applied and Environmental Microbiology</i> , 2012, 78, 2289-2296.	3.1	73
8	The potential advantages of digital PCR for clinical virology diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 501-507.	3.1	69
9	Comparative genomic, transcriptomic, and proteomic reannotation of human herpesvirus 6. <i>BMC Genomics</i> , 2018, 19, 204.	2.8	45
10	Superiority of Digital Reverse Transcription-PCR (RT-PCR) over Real-Time RT-PCR for Quantitation of Highly Divergent Human Rhinoviruses. <i>Journal of Clinical Microbiology</i> , 2017, 55, 442-449.	3.9	41
11	Detection of Human Herpesvirus 6B (HHV-6B) Reactivation in Hematopoietic Cell Transplant Recipients with Inherited Chromosomally Integrated HHV-6A by Droplet Digital PCR. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1223-1227.	3.9	39
12	Human herpesvirus 6 can be detected in cerebrospinal fluid without associated symptoms after allogeneic hematopoietic cell transplantation. <i>Journal of Clinical Virology</i> , 2014, 61, 289-292.	3.1	34
13	Possible progesterone-induced gestational activation of chromosomally integrated human herpesvirus 6B and transplacental transmission of activated human herpesvirus 6B. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 1373-1376.	0.6	24
14	Prevalence of Chromosomally Integrated Human Herpesvirus 6 in Patients with Human Herpesvirus 6 Central Nervous System Dysfunction. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 371-373.	2.0	22
15	Digital detection of endonuclease mediated gene disruption in the HIV provirus. <i>Scientific Reports</i> , 2016, 6, 20064.	3.3	21
16	Rapid Detection of Human Cytomegalovirus UL97 and UL54 Mutations Directly from Patient Samples. <i>Journal of Clinical Microbiology</i> , 2013, 51, 2354-2359.	3.9	18
17	Past, present, and future perspectives on the diagnosis of Roseolovirus infections. <i>Current Opinion in Virology</i> , 2014, 9, 84-90.	5.4	18
18	RNA Sequencing of the <i>In Vivo</i> Human Herpesvirus 6B Transcriptome To Identify Targets for Clinical Assays Distinguishing between Latent and Active Infections. <i>Journal of Virology</i> , 2019, 93, .	3.4	16

#	ARTICLE	IF	CITATIONS
19	An Engineered DNA-Binding Protein Self-assembles Metallic Nanostructures. ChemBioChem, 2010, 11, 2108-2112.	2.6	13
20	Hepatitis Due to Human Herpesvirus 6 after Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2014, 20, S228-S229.	2.0	3
21	Large-Scale Identification and Characterization of Hematopoietic Cell Transplant Recipients and Their Donors With Inherited Chromosomally Integrated Human Herpesvirus 6. Open Forum Infectious Diseases, 2016, 3, .	0.9	0